

10/511385 385

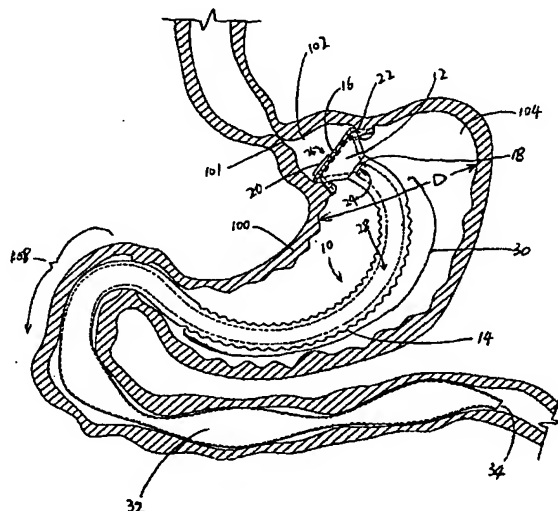
(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
20 November 2003 (20.11.2003)

PCT

(10) International Publication Number
WO 03/094785 A1(51) International Patent Classification⁷: **A61F 2/00, 2/04**(21) International Application Number: **PCT/US03/14885**(22) International Filing Date: **9 May 2003 (09.05.2003)**(25) Filing Language: **English**(26) Publication Language: **English**(30) Priority Data:
60/379,160 9 May 2002 (09.05.2002) US

(71) Applicant and

(72) Inventor: **EGAN, Thomas, D.** [US/US]; 12 South Street,
Marblehead, MA 01945 (US).(74) Agents: **LAPPIN, Mark, G.** et al.; McDermott, Will &
Emery, 28 State Street, Boston, MA 02109 (US).(81) Designated States (national): **AE, AG, AL, AM, AT, AU,**
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,**CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,**
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG,
SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZM, ZW.(84) Designated States (regional): **ARIPO** patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), **OAPI** patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).**Published:**— *with international search report**For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*(54) Title: **GASTRIC BYPASS PROSTHESIS**

(57) Abstract: A device (10) for treatment of obesity of a patient comprises an annular element (12) having a relatively large outer boundary and a relatively small inner boundary, and an elongated flexible tube (14) extending from the relatively small inner boundary of the annular element to a distal end. The relatively large outer boundary is adapted to be attached to an inner wall of a stomach (100) of a patient, such that the annular element divides the stomach (100) into two chambers, an esophagus-end chamber close to an esophagus of the patient, and a pylorus-end chamber close to a pylorus of the patient. The invention also provides a method for treatment of obesity of a patient which includes inserting an annular element having a relatively large outer boundary and a relatively small inner boundary into a stomach of the patient, and attaching the relatively large outer boundary of the annular element to an inner circumference of the stomach of the patient.

WO 03/094785 A1